

The Students Association of Natural Science. Upsala.

Geological Division.

Meeting September 27th 1917.

13 persons present.

The following officers were appointed:

R. LOOSTRÖM, Secretary.

A. REUTERSKIÖLD, Treasurer.

G. FRÖMAN and L. FAXÉN, Reviewers.

Mr N. G. HÖRNER spoke on »Some observations on the sediments in the presumed former valley of the river Klarälfven».

Meeting October 18th 1917.

23 persons present.

Prof. P. QUENSEL spoke on the occurrence of Rhombeporphyrries at Kebnekaise. (See this Bull. Vol. XV.)

Prof. A. G. HÖGBOM gave some notices on the falls of Hällingså in Jämtland. The imposing canjon of this small river is worked out in a pre-existing fissure.

Meeting October 29th 1917.

22 persons present.

Mr G. FRÖMAN read a paper on the marble of Kolmården.

Meeting November 8th 1917.

32 persons present.

Docent U. SUNDELIN spoke on »Occurrences of limonite in the lakes of Småland».

Prof. C. WIMAN read a paper on »Swedish cretaceous reptiles» and demonstrated a collection of these fossils.

Meeting December 3rd 1917.

26 persons present.

Prof. A. G. HÖGBOM spoke on »The mystery of the tectites». The lecturer held forth that the interpretation of the stones as meteorites still was the only acceptable one and that the supposition that the tectites were produced by man, especially embraced by BERWERTH, was absolutely contradictory to the mode of occurrence and the chemical and physical characteristics of the tectites as well as to all archeological experience.

Mr G. FRÖMAN reviewed a paper by HENRY S. WASHINGTON, »Persistence of vents at Stromboli and its bearing on volcanic mechanism».

Mr R. LOOSTRÖM spoke on the rocks in the districts of porphyries and granites of S. Härjedalen.

Meeting December 13th 1917.

25 persons present.

Docent U. SUNDELIN spoke on the late-quaternary history of the coast-districts of Småland and Östergötland. (See this Vol. of the Bull.)

Meeting January 24th 1918.

24 persons present.

The following officers were appointed:

R. LOOSTRÖM, Secretary.

A. REUTERSKIÖLD, Treasurer.

L. FAXÉN and B. ASKLUND, Reviewers.

Mr E. STENSIÖ gave a lecture (illustrated by fossils and lantern slides) on »the geology of the Devonian and Kulm at Billenbay, Spitzbergen». (See this Vol. of the Bull.)

Prof. C. WIMAN demonstrated a new kind of reptiles from Spitzbergen. (See this Vol. of the Bull.)

Meeting February 14th 1918.

31 persons present.

Mr J. EKLUND read a paper on the connection of ores with granites in middle Sweden.

Mr L. FAXÉN reviewed a paper by W. SOERGEL, »Permanenz der Kontinente».

Meeting February 28th 1918.

19 persons present.

Docent N. SUNDIUS spoke on the origin of the archæan limestones.

Prof. C. WIMAN demonstrated a newly purchased fossil of *Drepanaspis* from the roofing-slate of Hunnsrück and pointed out how well the constitution of this fish was appropriated for the way of living.

Prof. A. G. HÖGBOM gave an account of the influence of the war upon the supply of mineral fertilizers. (The lecture is published in Teknisk Tidskrift n:o 11, 1918.)

Meeting March 18th 1918.

16 persons present.

The secretary communicated an invitation to the Scandinavian Geological Excursion in Denmark, May 1918.

Mr S. ROSÉN spoke on the sequence of strata of the Silurian of Östergötland and their bearing on the interpretation of the changes of level in ordovician time.

Meeting March 26th 1918.

14 persons present.

Prof. C. WIMAN spoke on the deposit of Rootziküll and demonstrated some fossils purchased from there.

Prof. A. G. HÖGBOM reviewed a paper by J. POGUE »The mineral industries of the United States; Sulphur».

Meeting April 11th 1918.

24 persons present.

Mr P. GEJER spoke on the archæan granites and the formation of ores.

Mr B. ASKLUND reviewed a paper by H. S. WASHINGTON on »An apparent correspondance between the chemistry of igneous rocks and of organic metabolism».

Meeting April 22nd 1918.

23 persons present.

Prof. R. SERNANDER spoke on the classification and terminology of some organic decay products (published in Geol. För. Stockholm Förh. 1918. 5).

Meeting May 6th 1918.

24 persons present.

Prof. C. WIMAN demonstrated a *Mystricosaurus* newly purchased and presented to the Geol. Institution.

Docent N. SUNDIUS spoke on mineral-pitch and demonstrated a great piece from the mine of Finnberget east for Grythytted.

Meeting May 8th 1918.

20 persons present.

Docent G. FRÖDIN read a paper on »Rocks and tectonics at the borders of the Tännfors area in Jämtland».

Meeting May 18th 1918.

21 persons present.

Mr H. OSWALD read a paper on the mud deposits in some lakes at Sala and Säby.

Meeting September 26th 1918.

21 persons present.

The following officers were appointed:

R. LOOSTRÖM, Secretary.

A. Reuterskiöld, Treasurer.

L. FAXÉN and B. ASKLUND, Reviewers.

Mr M. EKSTRÖM read a paper on »Some points of view on the mechanics of mountain forming».

Meeting October 10th 1918.

25 persons present.

Docent G. FRÖDIN read a paper on the geological position of the sparagmites in Härjedalen.

Prof. C. WIMAN demonstrated a devonian fossil plant from Lappland (cfr. Sveriges Geol. Unders. Årsbok 1919).

Meeting October 24th 1918.

23 persons present.

Prof. C. WIMAN gave on account of the 1st conference of scandinavian geologists in Denmark last spring. The lecturer adduced the very happy

arrangements for the conference, demonstrated the ways of the excursions, and suggested by means of maps, profiles, and lantern slides the prominent results that has been brought forth by the danish geologists.

Docent G. FRÖDIN gave a lecture on the preglacial development of the valley of the river Göta älf, especially holding forth the being a »water gap» formed along fault-lines.

Meeting November 11th 1918.

18 persons present.

Mr J. EKLUND read a paper on Copper, Vanadium and Uranium in the »Red beds» U. S. A.

Prof. A. G. HÖGBOM showed a series of lantern slides to the history of geology.

Meeting November 21st 1918.

25 persons present.

Prof. H. BACKLUND read a paper on »Metamorphic forms among the highmountain rocks of S. Lappland» (see Geol. Fören. Förhandl. 1918, 7).

Prof. P. QUENSEL read a paper »Some words on the Seve rocks in Lappland» (see Geol. Fören. Förhandl. 1918, 7).

Meeting December 2nd 1918.

13 persons present.

Mr H. OSWALD read a paper on »Coast-ridges formed by ice-pressure on lake shores in Småland».

Docent G. FRÖDIN read a paper: »To the question on the distribution and the geological position of the rocks of Ragunda». (See Sveriges Geol. Unders. Årsbok 1919.)

Docent U. SUNDELIN gave a report on his researches made last summer in the harbour of Landskrona, especially dwelling on the supposed flint implements found in a cut of glacial drift.